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Streamflow Forecast Summary: March 1, 2012 (averages based on 1981-2010 reference period)

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
 - 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
 - 3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment								
Chance that actual volume will exceed forecast								
CENTRAL YUKON BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Porcupine R nr Intl Boundary	APR-JUL	3700	4690	5500	98%	6450	8170	5640
Yukon R nr Stevens Village	APR-JUL	45600	49900	52900	110%	55900	60200	48200

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TANANA BASIN	Forecast Period	Forecast Exceedance Probabilities for Risk Assessment						
		90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Chena R nr Two Rivers	APR-JUL	149	220	265	98%	310	380	270
Little Chena R nr Fairbanks	APR-JUL	46	63	75	96%	87	104	78
Salcha R nr Salchaket	APR-JUL	385	495	580	93%	670	815	625
Tanana R at Fairbanks	APR-JUL	6510	7120	7530	106%	7940	8550	7100
Tanana R at Nenana	APR-JUL	8190	8910	9400	104%	9890	10600	9000

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Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast								
WESTERN INTERIOR BASINS	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Kuskokwim R at Crooked Creek	APR-JUN	8900	10900	12600	120%	13500	15500	10500

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Forecast Exceedance Probabilities for Risk Assessment

Chance that actual volume will exceed forecast

ARCTIC AND KOTZEBUE SOUND	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Kuparuk R nr Deadhorse								
	APR-JUL	540	685	805	101%	875	1020	795
	MAY-JUL	580	715	825	104%	950	1170	795
Sagavanirktok R nr Pump Station 3								
	APR-JUL	580	665	725	106%	785	870	685
	MAY-JUL	505	640	755	110%	890	1130	685

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Forecast Exceedance Probabilities for Risk Assessment								
Chance that actual volume will exceed forecast								
COPPER BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Gulkana R at Sourdough								
	APR-JUL	370	470	535	113%	600	700	475

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Forecast Exceedance Probabilities for Risk Assessment								
Chance that actual volume will exceed forecast								
MATANUSKA - SUSITNA BASINS	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Little Susitna R nr Palmer								
	APR-JUL	94	109	120	140%	131	146	86
Talkeetna R nr Talkeetna								
	APR-JUL	1620	1790	1900	117%	2010	2180	1630

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Forecast Exceedance Probabilities for Risk Assessment								
Chance that actual volume will exceed forecast								
NORTHERN COOK INLET	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Ship Ck nr Anchorage								
	APR-JUL	67	75	81	140%	87	95	58

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Forecast Exceedance Probabilities for Risk Assessment								
Chance that actual volume will exceed forecast								
KENAI PENINSULA	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Kenai R at Cooper Landing								
	APR-JUL	1120	1200	1180	128%	1300	1380	925

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Forecast Exceedance Probabilities for Risk Assessment								
Chance that actual volume will exceed forecast								
SOUTHEAST	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Gold Ck nr Juneau	APR-JUL	34	39	43	130%	47	52	33

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